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1)Was one language easier or faster to write the code for this? If so, describe in detail why, as in what about the language made that the case.

Answer. For me, writing the code for this seemed to be simpler in C language. as compared to other languages, the syntax of the C language is straightforward. The foundational programming language, C, runs more efficiently than other languages. Although I was building the code in Java, I thought that doing it in C would be simpler. Compared to Java, C is easier since it only works with a small number of concepts.

2)Even though a language may not (e.g. FORTRAN) support recursion, describe how you could write a program to produce the same results without using recursion. Would that approach have any limitations and if so, what would they be?

Answer. You could simply call your function for each path using your program. You must really be aware of the path and the number of files it includes. You will have to explicitly add function call with any new files that are added. Each time the files are updated, this tedious task must be performed.